

たうびゃくぶ及ビニ三びゃくぶ屬ニ就テ (其四)

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MATSUWAKA KISHIDA & MASA MATSUNO: On *Stemona ovata*
NAKAI and few other species of *Stemona* in Japan (IV)

Stemona ovata NAKAI, sp. nov.—Sect. *Sinostemona*.⁽¹⁾

Stemona japonica affinis sed ex qua caule volubile graciliore humiliore foliis ovatis vel late ovatis basi vulgo cordatis, floribus ex medio caulis evolutis duplo minoribus, staminibus appendicibus antheræ utroque latere retrorso-unguiculatis bene distinguenda. Ex *Stemona acuta* quæ etiam affine foliis apice subito contractis, pedunculis petiolo adnatis statim dignoscenda.

Radix fasciculato-tuberosis elongato-fusiformibus 1-3 ceps. Caulis glaber-
rimus teres viridis, 1-1.5m. altus, præter basin erectam volubilis simplex
vel parce ramosus, ramis gracilibus. Folia opposita vel verticillatim 3-4;
petioli 10-27mm. longi, lamina ovata vel late ovata vel rotundato-ovata
basi cordata apice mucronata vel acuminata 5-9 nervis 30-70mm. longa
15-48mm. lata. Flores fæminei mihi ignoti masculi ex medio caulis evoluti
axillares sed pedunculi cum petiolis toto connati; pedunculi 1-2 flori circa
basin anguste 1-bracteati, pedicelli gracillimi 15-33mm. longi; perigonium
viride 4-phyllum, tepalis lanceolatis 10-12mm longis 2-3mm. latis sub
anthesin reflexis; stamina 4 subulata vel lanceolato-subulata 7-8mm longa
loculis antheræ binis 2mm. longis interiore circa basin longitudine affixis,
appendice ambitu rhombea utroque latere retrorso-uniuncinata, filamentis
1mm. longis; ovarium abortivum. Capsula oblonga 10mm. longa bivalvata.
Semina bina oblonga nigra 5mm. longa.

Nom. Jap. Tô-byakubu.

In Japonica culta, olim ex China introducta.

⁽¹⁾ *Stemona* Untergatt. *Eustemona* §1. *Sinostemona* SCHLECHTER in Notizblatt
des Botanischen Gartens und Museums zu Berlin-Dahlem IX p. 191 (1924).

本記載文ハ本誌第9巻第5號第315頁ノ記文中ニ挿入スベキ管ノ處編輯幹事ノ粗漏ニテ
逸シタルヲ以テ此所ニ追補ス。

This *Stemona* is cultivated in Japan for medical use. The date of its introduction is quite unknown, but it is a fact that it had been once introduced from China with *Stemona japonica* and *Stemona sessilifolia*. The living specimens are in the medicinal garden at Kambemura of the Province of Yamato, whence a part was moved to Tsumura Medicinal Garden in Tokyo. Mr. MATSUWAKA KISHIDA also brought it back, and is cultivating in his garden. The description was drawn from the dried specimens collected by Mr. KISHIDA. For the farther comparison with other species see:

WRIGHT, C. H.: On the Genus *Stemona* LOUR. in Journal of the Linnean Society XXXII, p. 490-496 (1896).

SCHLECHTER, R.: Ueber *Stemona* LOUR. in Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem IX p. 190-196 (Dec. 1924).

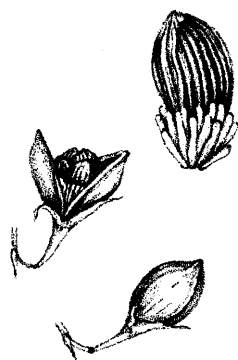
(T. NAKAI).

前文報告ニ際シテたうびゃくぶ *Stemona ovata* 及ビびゃくぶ *Stemona japonica* ノ果實、種子ニ就テハ標品ニ缺クルトコロアリ詳記セザリシガソノ後之ヲ得タルヲ以テ之ヲ補フ。

たうびゃくぶ *Stemona ovata* NAKAI

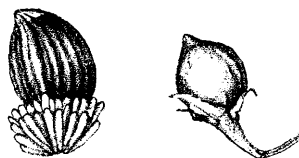
果實ハ蒴。表面ハ平滑、長サ 9-11mm. 幅 6-7mm. 橢圓形ニシテ少シク左右ニ偏壓セラレ、末端ハ鈍ク嘴狀ヲナス。2 殻片。一室。内ニ 1-4 ノ種子ヲ藏ス。

種子ハ柄ニヨツテ蒴ノ底部ニ懸リ、長サ 4mm. 卵狀球形、縦條多ク基部ニ多裂セル假種皮アリ。びゃくぶニ比ベテ小サク、形長ク、且多裂セル



第 29 圖 たうびゃくぶ *Stemona ovata* ノ蒴及ビ種子。

Capsule and Seed of *Stemona ovata*.



第 30 圖 びゃくぶ *Stemona japonica* ノ蒴及ビ種子

Capsule and Seed of *Stemona japonica*.

假種皮ハソノ數少ナキガ如シ。

びゃくぶ *Stemona japonica* MIQUEL

蒴ハ平滑、長サ 11-13mm. 幅 7-8mm. 末端鈍嘴狀。2 殻片。1 室。

種子ハ 1-5 個。長サ 5mm. 廣橢圓狀球形。亦縦條多ク細裂セル假種皮ハ襲重シテソノ基部ヲ被フ。

現在マデニ知ラレタルびゃくぶ屬 *Stemona* ハたうびゃくぶ *Stemona ovata* NAKAI ヲ加ヘテ 23 種アリ。

I. *Eustemona*

1. *Sinostemona*

1. *Stemona filifolia* SCHLECHTER China : Yunnan
2. *Stemona stenophylla* DIELS China : Yunnan

2. *Stemonella*

3. *Stemona acuta* C. H. WRIGHT in J. Lin. Soc. XXXII. 1896
China : Kwantung
4. *Stemona japonica* MIQUEL Pr. Fl. Jap. Japan.
5. *Stemona sessilifolia* MIQUEL Pr. Fr. Jap. (*Stemona erecta* C. H. WRIGHT
Kew. Bull.) Japan : Yedo. China : Schantung
6. *Stemona affinis* J. J. SMITH in Bull. Jard. Bot. Buitenz.
Molukken : Halmahera
7. *Stemona asperula* J. J. SMITH in Bull. Jard. Bot. Buitenz.
Molukken : Halmahera
8. *Stemona australina* C. H. WRIGHT in J. Lin. Soc.
Nord Australia
9. *Stemona Burkillii* PRAIN in J. Roy As. Soc. Beng. Burma
10. *Stemona Curtisii* HOOKER. fil. Flor. Brit. Ind. Malay penins : Penang
11. *Stemona gloriosa* J. J. SMITH in Bul. Jard. Bot. Buitenz.
Assam. Burma
12. *Stemona javanica* (KTH) ENGLER in Pflanz. fam. Java.
13. *Stemona Kerrii* CRAIB. in Kew Bul. Siam
14. *Stemona minor* HOOKER fil. Flor. Brit. Ind. Ceylon : Vorderindien
15. *Stemona moluccana* (BL) C. H. WRIGHT in J. Lin. Soc.
Molukken : Ambon
16. *Stemona parviflora* C. H. WRIGHT in J. Lin. Soc. China : Hainan
17. *Stemona philippinensis* MERILL in Phil. Gov. Lab. Bur. Bul.
Philippin
18. *Stemona sulensis* J. J. SMITH in Bul. Jard. Bot. Buitenz
Sula Archipel.

19. *Stemona tuberosa* LOUREIRO Fl. Cochinchinensis Vorderindien : Assam
Burma : Südechina

II. Mostena

20. *Stemona aphylla* CRAIB. in Kew Bull Siam
21. *Stemona Griffithiana* KURZ in J. As. Soc. Beng Burma ; Siam
22. *Stemona Kurzii* PRAIN in J. As. Soc. Beng Burma
SCHLECHTER : Notizblatt des Botanischen Gartens und Museum zu
Berlin-Dahlem Nr. 81 (Band IX) 1924.

地 衣 類 雜 記 (其四)

朝 比 奈 泰 彦

Yasuhiko ASAHINA : Lichenologische Notizen (IV)

Über *Parmelia abstrusa* WAIN., *P. limbata* LAUR. und *P. relicina* FR. aus Japan

9. *Parmelia abstrusa* WAIN. (Fig. 17-19)

Das Vorkommen dieser Flechte in Formosa wurde zuerst von WAINIO (Tokyo Bot. Mag. XXXV, p. 48, 1921) erwähnt. Das zu Grunde liegende Exemplar (YASUDA, Formosa No. 209) ist stein-bewohnend und steril, stimmt aber mit der WAINIOSchen Beschreibung (Étud. Lich. Brés., p. 64) sehr gut überein. In meinem Herbarium befinden sich folgende Exemplare, die ich mit dieser Species identifizieren konnte. YASUDA, Formosa 209 ; Y. ASAHINA, Kuma (Kiusiu) Oct. 1931-saxicola ; Y. ASAHINA, Simoda (Prov. Idzu, Honsiu), 28 April. 1933-Saxicola et corticola ; T. MAKINO, Banda-ga-

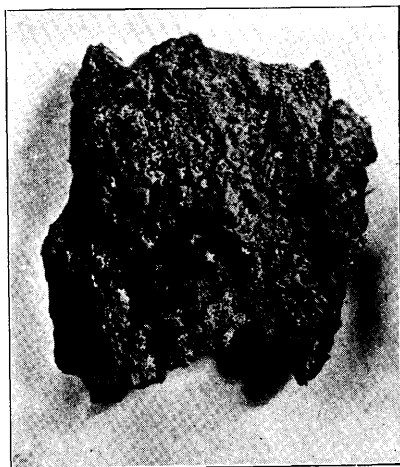


Fig. 17 *Parmelia abstrusa* WAIN.
Habitus-bild $\times 1$. 自然大 (下田産)